

CURRENT LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An electroluminescent lamp including a phosphor blend comprised of a mixture of an electroluminescent phosphor and an europium-activated alkaline earth silicon nitride phosphor, the electroluminescent phosphor selected from a blue-emitting electroluminescent phosphor, a blue-green-emitting electroluminescent phosphor, or a combination thereof.
2. (Original) The lamp of claim 1 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula, $M_xSi_yN_z:Eu$, wherein M is selected from Ca, Sr, and Ba and wherein $z = 2x/3 + 4y/3$.
3. (Original) The lamp of claim 1 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula, $M_2Si_5N_8:Eu$ wherein M is selected from Ca, Sr, and Ba.
4. (Original) The lamp of claim 1 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula, $MSi_7N_{10}:Eu$ wherein M is selected from Ca, Sr, and Ba.
5. (Original) The lamp of claim 1 wherein the europium-activated alkaline earth silicon nitride phosphor is $Ca_2Si_5N_8:Eu$.
6. (Original) The lamp of claim 1 wherein the blend contains from about 10% to about 20% by weight of the europium-activated alkaline earth silicon nitride phosphor.
7. (Original) The lamp of claim 1 wherein the blue-emitting electroluminescent phosphor is ZnS:Cu and the blue-green-emitting electroluminescent phosphor is ZnS:Cu,Cl.

**ATTORNEY DOCKET NO. 07194.0113U1
APPLICATION NO: 10/711,682**

8. (Original) The lamp of claim 1 wherein the blue-emitting electroluminescent phosphor emits at a wavelength from about 400 nm to about 470 nm and the blue-green-emitting electroluminescent phosphor emits at a wavelength from about 470 nm to about 550 nm.
9. (Original) The lamp of claim 8 wherein the europium-activated alkaline earth silicon nitride phosphor is excited at a wavelength from about 200 nm to about 500 nm and exhibits an emission maximum at a wavelength from about 600 nm to about 680 nm.
10. (Original) The lamp of claim 1 wherein the lamp exhibits a CRI of at least about 75.
11. (Original) The lamp of claim 1 wherein the lamp exhibits a CRI of at least about 80.
12. (Original) The lamp of claim 5 wherein the lamp exhibits a CRI of about 85.
13. (Original) The lamp of claim 1 wherein the lamp exhibits an x color coordinate from about 0.29 to about 0.39 and a y color coordinate from about 0.35 to about 0.39.
14. (Original) The lamp of claim 13 wherein the blend contains from about 10% to about 20% by weight of the europium-activated alkaline earth silicon nitride phosphor.
15. (Original) The lamp of claim 14 wherein the europium-activated alkaline earth silicon nitride phosphor is $\text{Ca}_2\text{Si}_5\text{N}_8:\text{Eu}$.
16. (Previously presented) The lamp of claim 2 wherein the europium concentration is from 1 to 10 atomic % compared to the alkaline earth ion.
17. (Original) A phosphor blend comprising: a mixture of an electroluminescent phosphor and an europium-activated alkaline earth silicon nitride phosphor, the electroluminescent

**ATTORNEY DOCKET NO. 07194.0113U1
APPLICATION NO: 10/711,682**

phosphor selected from a blue-emitting electroluminescent phosphor, a blue-green-emitting electroluminescent phosphor, or a combination thereof.

18. (Original) The phosphor blend of claim 17 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula, $M_xSi_yN_z:Eu$, wherein M is selected from Ca, Sr, and Ba, and wherein $z = 2x/3 + 4y/3$.
19. (Original) The phosphor blend of claim 17 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula $M_2Si_5N_8:Eu$ wherein M is selected from Ca, Sr, and Ba.
20. (Original) The phosphor blend of claim 17 wherein the europium-activated alkaline earth silicon nitride phosphor is represented by the formula $MSi_7N_{10}:Eu$ wherein M is selected from Ca, Sr, and Ba.
21. (Original) The phosphor blend of claim 17 wherein the europium-activated alkaline earth silicon nitride phosphor is $Ca_2Si_5N_8:Eu$.
22. (Original) The phosphor blend of claim 17 wherein the blend contains from about 10% to about 20% by weight of the europium-activated alkaline earth silicon nitride phosphor.
23. (Original) The phosphor blend of claim 18 wherein the blue-emitting electroluminescent phosphor is ZnS:Cu and the blue-green-emitting electroluminescent phosphor is ZnS:Cu,Cl.
24. (Original) The phosphor blend of claim 17 wherein the blue-emitting electroluminescent phosphor emits at a wavelength from about 400 nm to about 470 nm and the blue-green-emitting electroluminescent phosphor emits at a wavelength from about 470 nm to about 550 nm and the europium-activated alkaline earth silicon nitride phosphor is excited at a

**ATTORNEY DOCKET NO. 07194.0113U1
APPLICATION NO: 10/711,682**

wavelength from about 200 nm to about 500 nm and exhibits an emission maximum at a wavelength from about 600 nm to about 680 nm.

25. (Previously presented) The phosphor blend of claim 18 wherein the europium concentration is from 1 to 10 atomic % compared to the alkaline earth ion.
26. (Original) A phosphor blend comprising: a mixture of an electroluminescent phosphor and a $\text{Ca}_2\text{Si}_5\text{N}_8:\text{Eu}$ phosphor, the electroluminescent phosphor selected from a blue-emitting $\text{ZnS}:\text{Cu}$ phosphor, a blue-green-emitting $\text{ZnS}:\text{Cu},\text{Cl}$ phosphor, or a combination thereof.
27. (Previously presented) The phosphor blend of claim 26 wherein the europium concentration is from 1 to 10 atomic % compared to the alkaline earth ion.
28. (Original) The phosphor blend of claim 26 wherein the blend contains from about 10% to about 20% by weight of the $\text{Ca}_2\text{Si}_5\text{N}_8:\text{Eu}$ phosphor.